

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER <i>(ER 1130-2-306)</i>						PAGE 1 OF 1 <hr/> DATE October 11, 2006		
TO: The Record					FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090			
RIVER/HARBOR NAME AND STATE: Newark Bay, Hackensack & Passaic Rivers – Hackensack River					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Reach A: (Droyers Reach) commences from the junction at Newark Bay to intersecting bridge of Highway 1 (Lincoln Highway)	Map 202 Pg 2 thru 4, 15-17 Aug 2006	300 - 400	1.56	32	25.1	28.9	25.0	18.2
					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
					LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)	
Reach B: (Marion Reach) commences from intersection of Highway 1 Bridge to a point about 1,200 feet downstream of buoy RED NUN #12	Map 202 Pg 4 thru 7, 15-17 Aug 2006	300	1.82	32	20.1	26.9	22.8	
Reach C: (Turning Basin) commences from a point about 1,200 feet downstream of buoy RED NUN #12 to a buoy GREEN CAN #13	Map 202 Pg 7 thru 8, 15-17 Aug 2006	Irregular	0.23	25	14.9			
Reach D (partial): (Route #3 HWY) commences from a point about 1,200 feet downstream of buoy RED NUN #12 to a point about 750 feet upstream of buoy GREEN CAN #15	Map 202 Pg 7 thru 8, 15-17 Aug 2006	200	0.58	15	12.7	13.9	15.3	
REMARKS: <ul style="list-style-type: none"> All depths in MLW Channel length is in nautical miles. Reach A: (Droyers Reach) – Shoaling exists throughout the entire channel length with minimal depth of 18.2 feet along the right channel toe line near RED NUN #4 Reach B: (Marion Reach) – Shoaling exists throughout the entire channel length with minimal depth of 20.1 feet along the left channel toe line near Hackensack Bridge. Reach C: (Turning Basin) – Some shoaling exists near buoy GREEN CAN #13 in the southwest corner having a minimum depth of 14.9 feet. Minor shoaling exists near buoy RED NUN #12. Reach D partial: (Route #3 HWY) – Shoaling starts at a point approximately 300 feet upstream of buoy GREEN CAN #13 along the left channel line and extends across mid channel to a distance of approximately 350 feet upstream of buoy GREEN CAN #15 with a minimal depth of 12.7 feet. 								